

ABSTRACT

The present invention provides method, interface and computer-readable medium for enabling enclosure services in a computer system including a multi-device enclosure generally remote from a host bus adapter. The method provides a
5 communications port between the multi-device enclosure and the host bus adapter. The method further provides a plurality of slots for removably receiving respective devices in the enclosure, with at least one of the devices comprising an Advanced Technology Attachment (ATA)-accessible device, and respective transceivers for
10 asynchronously interconnecting the enclosure processor and the host bus adapter through the communications port. The method allows configuring the processor to asynchronously notify the host bus adaptor of the status of any given device of the enclosure upon the occurrence of predefined device events, with at least one of the events being selected from the group consisting of device insertion, device
15 withdrawal, and malfunction indications regarding any of the devices of the multi-device enclosure.